

**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**

***"METHOD OF DEPOSITING AMORPHOUS SILICON BASED FILMS HAVING CONTROLLED CONDUCTIVITY"***

**SPECIFICATION IDENTIFICATION**

The specification of which:

- ☐ is attached hereto
- ☒ was filed on 02/12/99, under Serial No. 09/249,041, executed on even date herewith;  
or
  - ☐ Express Mail No. \_\_\_\_\_ as Serial No. not yet known)  
and was amended on \_\_\_\_\_ (if applicable)
- ☐ was described and claimed in PCT International Application No. \_\_\_\_\_  
filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with

1005263-110201

**PRIORITY CLAIM (35 U.S.C. §119)**

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

- A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

- B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:  
Application No:  
Filing date:

10052878-110201

**PRIORITY CLAIM (35 U.S.C. §120)**

I hereby claim the benefit under Title 35, United States Code, Section 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- ☐ No such applications have been filed.  
☒ Such applications have been filed as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>		
		<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
08/500,728	7/11/95		X	

**POWER OF ATTORNEY**

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael Einschlag	Registration No. 29,301
Lawrence Edelman	Registration No. 25,226
Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
James C. Wilson	Registration No. 35,412
Raymond Kam-On-Kwong	Registration No. 37,165
Joseph Bach	Registration No. 37,771
Robert Mulcahy	Registration No. 25,436
William J. Egan, III	Registration No. 28,411
David J. Goren	Registration No. 34,609
Edouard A. Garcia	Registration No. 38,461
Bao Q. Tran	Registration No. 37,955

**Send correspondence to:**

Patent Counsel  
Applied Materials, Inc.  
Legal Affairs Department  
P.O. Box 450A  
Santa Clara, CA 95052

**Direct telephone calls to:**

Edouard A. Garcia  
(650) 322-5070

10052378-11001

## DECLARATION

*I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.*

Full name of first inventor:

William R. Harshbarger

Inventor's signature:

William R. Harshbarger

Date:

3/15/99

Residence:

San Jose, California 95124

Post Office Address:

1641 Corte De Medea, San Jose, California 95124

Country of Citizenship: U.S.A.

Full name of second inventor:

Takako Takehara

Inventor's signature:

Takako Takehara

Date:

3/15/99

Residence:

Hayward, California 94541

Post Office Address:

2811 Colony View Place, Hayward, California 94541

Country of Citizenship: Japan

Full name of third inventor:

Jeff C. Olsen

Inventor's signature:

Jeff C. Olsen

Date:

3/24/98

Residence:

Los Gatos, California 95032

Post Office Address:

~~140 Las Asturias Drive~~, Los Gatos, California 95032

239 El Cajon Way,

Country of Citizenship: U.S.A.

Full name of fourth inventor:

Regina Qiu

Inventor's signature:

Regina Qiu

Date:

3/24/99

Residence:

Cupertino, California 95014

Post Office Address:

11652 Vineyard Spring Court, Cupertino, California 95014

Country of Citizenship: Peoples Republic of China

Full name of fifth inventor:

Yvonne LeGrice

Inventor's signature:

\_\_\_\_\_

Date:

\_\_\_\_\_

Residence:

Mountain View, California 94040

Post Office Address:

2025 California Street, #4, Mountain View, California 94040

Country of Citizenship: U.S.A.

Full name of sixth inventor:

Guofu J. Feng

Inventor's signature:



Date: 3/23/99

Residence: San Jose, California 95127

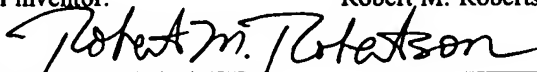
Post Office Address: 3307 Vernice Avenue, San Jose, California 95127

Country of Citizenship: China

Full name of seventh inventor:

Robert M. Robertson

Inventor's signature:



Date: 3/19/99

Residence: Santa Clara, California 95051

Post Office Address: 900 Peppertree Lane, #1422, Santa Clara, California 95051

Country of Citizenship: U.S.A

Full name of eighth inventor:

Kam Law

Inventor's signature:



Date: 3/15/99

Residence: Union City, California 94587

Post Office Address: 461 Riviera Drive, Union City, California 94587

Country of Citizenship: U.S.A.

103325.PAL

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103325.PAL

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This declaration is of the following type:

- ☐ original
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10052878-110201

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- A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

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Country:  
Application No:  
Filing date:

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☐ No such applications have been filed  
☒ Such applications have been filed, as follows:

		<u>Status</u>		
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
08/500,728	07/11/95		X	

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Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Joseph Bach	Registration No. 37,771
John Schiffhauer	Registration No. 32,170
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Edouard A. Garcia	Registration No. 38,461
Bao Q. Tran	Registration No. 37,955
David Goren	Registration No. 34,609
William J. Egan III	Registration No. 28,411

**Send correspondence to:**

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Legal Affairs Dept.  
Applied Materials, Inc.  
3050 Bowers Avenue  
Santa Clara, CA 95054.

**Direct telephone calls to:**

Edouard A. Garcia  
650-322-5070

### DECLARATION

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Full name of sole or first inventor: **WILLIAM R. HARSHBARGAR**

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: SAN JOSE, CA 95124  
Post Office Address: 1641 CORTE DE MEDIA  
SAN JOSE, CA 95124  
U.S.A.

Country of Citizenship: USA

10052878-110001

Full name of second inventor: **TAKAKO TAKEHARA**

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: HAYWARD, CA 94541

Post Office Address: 2881 COLONY VIEW PLACE

HAYWARD, CA 94541

U.S.A.

Country of Citizenship: JAPAN

Full name of third inventor: **JEFF C. OLSEN**

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: LOS GATOS, CA 95032

Post Office Address: 239 EL CAJON WAY

LOS GATOS, CA 95032

U.S.A.

Country of Citizenship: USA

Full name of fourth inventor: **REGINA QUI**

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: CUPERTINO, CA 95014

Post Office Address: 11652 VINEYARD SPRING COURT

CUPERTINO, CA 95014

U.S.A.

Country of Citizenship: PR CHINA

Full name of fifth inventor: **YVONNE LEGRICE**

Inventor's signature: Yvonne LeGrice Date: 4/10/99

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Post Office Address: 20700 SAN JOSE HILLS ROAD #106

WALNUT, CA 91789

U.S.A.

Country of Citizenship: USA

Full name of sixth inventor: **GUOFU J. FENG**

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: SAN JOSE, CA 95127

Post Office Address: 3307 VERNICE AVENUE

SAN JOSE, CA 95127

U.S.A.

Country of Citizenship: CHINA

105238-1001  
FOOT-849250T

Full name of seventh inventor:

**ROBERT M. ROBERTSON**

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: SANTA CLARA, CA 95051

Post Office Address: 900 PEPPERTREE LANE #1422

SANTA CLARA, CA 95051

U.S.A.

Country of Citizenship: USA

Full name of eighth inventor:

**KAM LAW**

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: UNION CITY, CA 94587

Post Office Address: 461 RIVIERA DRIVE

UNION CITY, CA 94587

U.S.A.

Country of Citizenship: USA

(Declaration ends with this page)

10052878-110201